Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
Data File : BG039401.D
Acq On : 8 Feb 2019 4:10
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 08 09:17:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	64419	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	277082	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	180031	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	423536	20.00	ng		0.00
76) Chrysene-d12	21.84	240	436064	20.00	ng		0.00
87) Perylene-d12	25.22	264	460128	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	314380	83.53	ng		0.00
7) Phenol-d6	7.31	99	464740	83.88	ng		0.00
23) Nitrobenzene-d5	9.36	82	415915	93.77	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	172932	89.20	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	980665	78.14	ng		0.00
79) Terphenyl-d14	20.14	244	1520258	73.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	67952	41.273	ng		93
3) Pyridine	4.02	79	189042	43.368	ng		97
4) n-Nitrosodimethylamine	3.93	42	85564	39.249	ng		89
6) Aniline	7.50	93	274785	39.596	ng		99
8) 2-Chlorophenol	7.74	128	171559	41.699	ng		98
9) Benzaldehyde	7.32	77	114924	42.180	ng		96
10) Phenol	7.34	94	236039	40.870	ng		94
11) bis(2-Chloroethyl)ether	7.59	93	179382	39.307	ng		98
12) 1,3-Dichlorobenzene	8.06	146	199125	39.952	ng		97
13) 1,4-Dichlorobenzene	8.21	146	199832	40.226	ng		98
14) 1,2-Dichlorobenzene	8.53	146	192186	39.962	ng		98
15) Benzyl Alcohol	8.42	79	170770	39.261	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	365212	35.438	ng		99
17) 2-Methylphenol	8.60	107	149683	40.050	ng		95
18) Hexachloroethane	9.26	117	70216	41.083	ng		94
19) n-Nitroso-di-n-propylamine	8.99	70	147531	37.518	ng		94
20) 3+4-Methylphenols	8.93	107	212128	41.217	ng		98
22) Acetophenone	9.01	105	286167	38.448	ng	#	96
24) Nitrobenzene	9.40	77	215503	44.975	ng		97
25) Isophorone	9.91	82	365648	37.202	ng		98
26) 2-Nitrophenol	10.11	139	102213	52.764	ng		96
27) 2,4-Dimethylphenol	10.14	122	160930	40.476	ng		93
28) bis(2-Chloroethoxy)methane	10.40	93	239051	39.487	ng		99
29) 2,4-Dichlorophenol	10.64	162	187855	43.231	ng		97
30) 1,2,4-Trichlorobenzene	10.85	180	202098	41.425	ng		97
31) Naphthalene	11.05	128	540466	39.318	ng		99
32) Benzoic acid	10.27	122	103323	41.248	ng		93
33) 4-Chloroaniline	11.16	127	251030	39.386	ng		98
34) Hexachlorobutadiene	11.31	225	136107	41.951	ng		96
35) Caprolactam	11.96	113	70733	39.336	ng		91
36) 4-Chloro-3-methylphenol	12.25	107	205786	40.949	ng		99
37) 2-Methylnaphthalene	12.64	142	392205	38.523	ng		97
38) 1-Methylnaphthalene	12.86	142	378582	38.576	ng		98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	240358	41.961	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	126833	40.635	ng		95
43) 2,4,6-Trichlorophenol	13.23	196	152175	43.208	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	164253	44.498	ng		99
46) 1,1'-Biphenyl	13.64	154	583531	38.957	ng		100
47) 2-Chloronaphthalene	13.69	162	454152	40.303	ng		98
48) 2-Nitroaniline	13.89	65	150834	46.839	ng		96
49) Acenaphthylene	14.53	152	662916	38.988	ng		98
50) Dimethylphthalate	14.25	163	567689	39.043	ng		99
51) 2,6-Dinitrotoluene	14.38	165	126187	46.649	ng		98
52) Acenaphthene	14.87	154	438707	39.749	ng		99
53) 3-Nitroaniline	14.71	138	131206	45.139	ng	#	94
54) 2,4-Dinitrophenol	14.91	184	31988	36.634	ng		94
55) Dibenzofuran	15.20	168	694826	39.264	ng		98
56) 4-Nitrophenol	14.99	139	103720	42.389	ng		91
57) 2,4-Dinitrotoluene	15.16	165	173709	49.593	ng		86
58) Fluorene	15.85	166	509040	38.588	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	156937	45.408	ng	#	96
60) Diethylphthalate	15.60	149	570601	37.956	ng		99
61) 4-Chlorophenyl-phenylether	15.83	204	299812	40.138	ng		98
62) 4-Nitroaniline	15.87	138	136886	45.167	ng		98
63) Azobenzene	16.12	77	535600	36.451	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	82455	49.000	ng		99
66) n-Nitrosodiphenylamine	16.05	169	508069	39.452	ng		98
67) 4-Bromophenyl-phenylether	16.73	248	194359	41.365	ng		94
68) Hexachlorobenzene	16.83	284	200865	42.609	ng		96
69) Atrazine	16.99	200	180407	38.333	ng		97
70) Pentachlorophenol	17.18	266	133760	40.825	ng		96
71) Phenanthrene	17.59	178	847340	38.654	ng		100
72) Anthracene	17.68	178	849420	39.339	ng		98
73) Carbazole	17.94	167	827223	38.389	ng		99
74) Di-n-butylphthalate	18.49	149	965024	38.387	ng		99
75) Fluoranthene	19.59	202	1014495	39.873	ng		99
77) Benzidine	19.77	184	527300	36.883	ng		99
78) Pyrene	19.95	202	1033876	38.086	ng		100
80) Butylbenzylphthalate	20.82	149	446528	38.994	ng		96
81) Benzo(a)anthracene	21.82	228	1012844	39.308	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	390198	40.841	ng		99
83) Chrysene	21.89	228	966424	39.400	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	633653	38.787	ng		99
85) Di-n-octyl phthalate	22.96	149	1066232	39.505	ng		97
86) Indeno(1,2,3-cd)pyrene	29.12	276	1132215	43.023	ng		99
88) Benzo(b)fluoranthene	24.14	252	985619	39.278	ng		99
89) Benzo(k)fluoranthene	24.21	252	986547	39.159	ng		99
90) Benzo(a)pyrene	25.06	252	958603	39.666	ng		99
91) Dibenzo(a,h)anthracene	29.19	278	921941	40.736	ng		98
92) Benzo(g,h,i)perylene	30.35	276	931081	41.275	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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